

referred to, and, after passing round a series of guide wheels F, is carried vertically on to the conveyor gantry G, along which it travels to the boiler house. The object of carrying the conveyor over the gantry G is to allow of a store of coal being made at H for emergency requirements, such as when

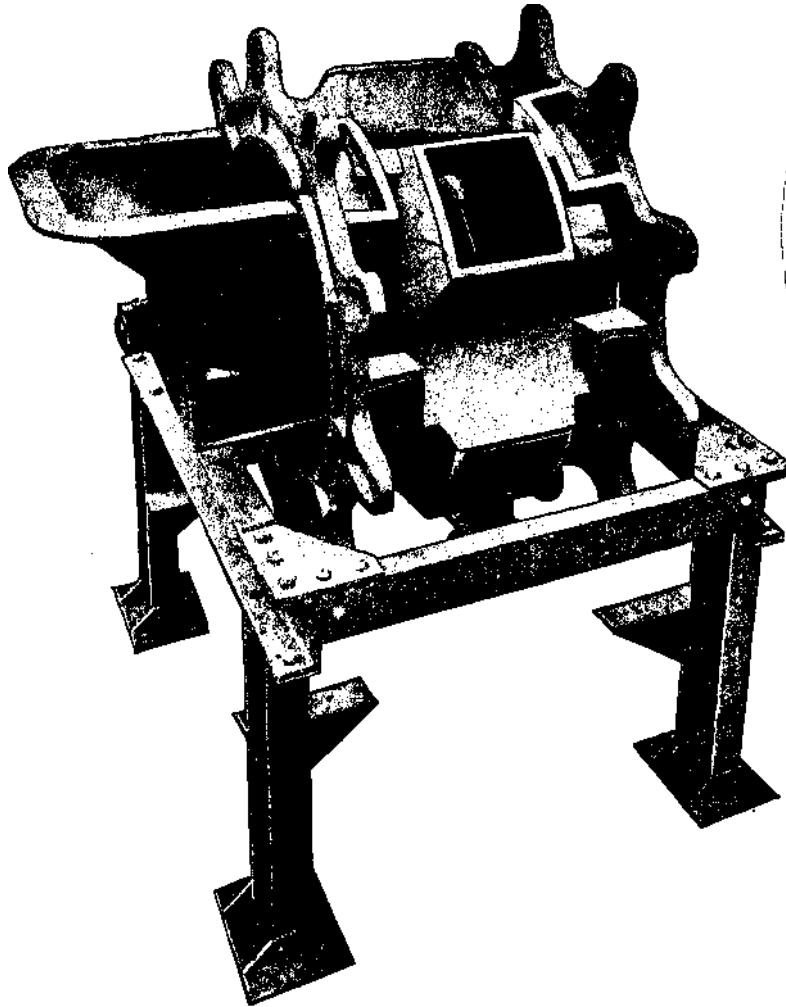


Fig. 5.—Automatic Rotary Filler

the supply of coal by rail is interrupted. Suitable arrangements are made at various points on the gantry G for tipping each bucket, causing it to discharge its coal on to the store heap. On entering the boiler house the conveyor again travels vertically until it reaches the level of the top of the coal bunkers j, along which it passes to the remote end of the boiler house.

As in the case of the gantry G, arrangements are made along the top of